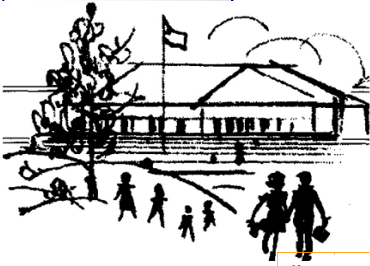


December 2018

Graham County School News



Graham County School Superintendent

Donna M. McGaughey

Volume 14, Issue 12

"Providing Quality Service and Support to Graham County Schools"

Please visit our website
www.graham.az.gov

Superintendent's Message

Yes, it really is December, Hopefully all of you were able to enjoy a peaceful Thanksgiving holiday with your loved ones. Our community volunteers, crafters, vendors and businesses were out in force providing wonderful opportunities to shop local and support some great causes. We live in a wonderful place.

The food drive challenge sponsored by Double R Communications and other local businesses was another great success. Our local students collected several tons of food, and then with the help of volunteers throughout the community, the food was sorted and ready for distribution to our neediest citizens. Way to go students and volunteers! You always come through.

"Science Happens Here." The Gila Valley is full of STEM: Science, Technology, Engineering and Math, but it's not always obvious to our students. This fun program kicked off a new season, and this semester's winner has been announced! Kara Hall's class at Thatcher Elementary had the highest percentage of participation and they will be treated to some fun prizes. The next contest will start up and run through March. Another lucky class will get a visit from the Arizona Science Center. Go out there and collect those cards from participating businesses! Look for the **Science Happens Here** stickers in store windows. No purchase necessary—just visit our awesome businesses!

Have a wonderful month full of music, sports, and other activities supporting our students. Merry Christmas!

Contact us!

Donna McGaughey,
Graham County School
Superintendent

921 Thatcher Blvd.
Safford, AZ 85546
928-428-2880
Fax: 928-428-8824
dmcgaughey@graham.az.gov

Nola Knight, Chief Deputy
nknight@graham.az.gov
928-428-2880

Mandi Moffett, Deputy clerk
mmoffett@graham.az.gov
928-428-2880

Hours: Monday—Thursday
7:00 a.m.—6:00 p.m.
Closed Fridays

Dates to Remember:

Dec. 1—Light Parade—downtown Safford

Dec. 7—Pearl Harbor Remembrance Day

Lots and lots of school programs, potlucks, parties, celebrations!

Dec. 25—Christmas Day

Jan. 1—New Year's Day

Jan. 14—Math 20/20 for grade 7/8 teachers

Jan. 23—Graham/Greenlee Early Childhood Coalition (tentative)

Jan. 25—Math 20/20 for kindergarten teachers

Jan. 30—Graham/Greenlee New Teacher Coalition



Graham County Spelling Bee

The Graham County Spelling Bee will be held Wednesday February 20, 2019 in the Graham County General Services Building Assembly Room at 6:00 p.m.

The public is welcome to attend.

Get Started! Download the 2019 Spelling Bee instructions <http://azedfoundation.org/programs/arizona-spelling-bee/>

School Bees must be held by January 31, 2019. Schools have received information from the Arizona Educational Foundation with instructions on how to enroll with the Scripps National Spelling Bee.

Commonly misspelled words:

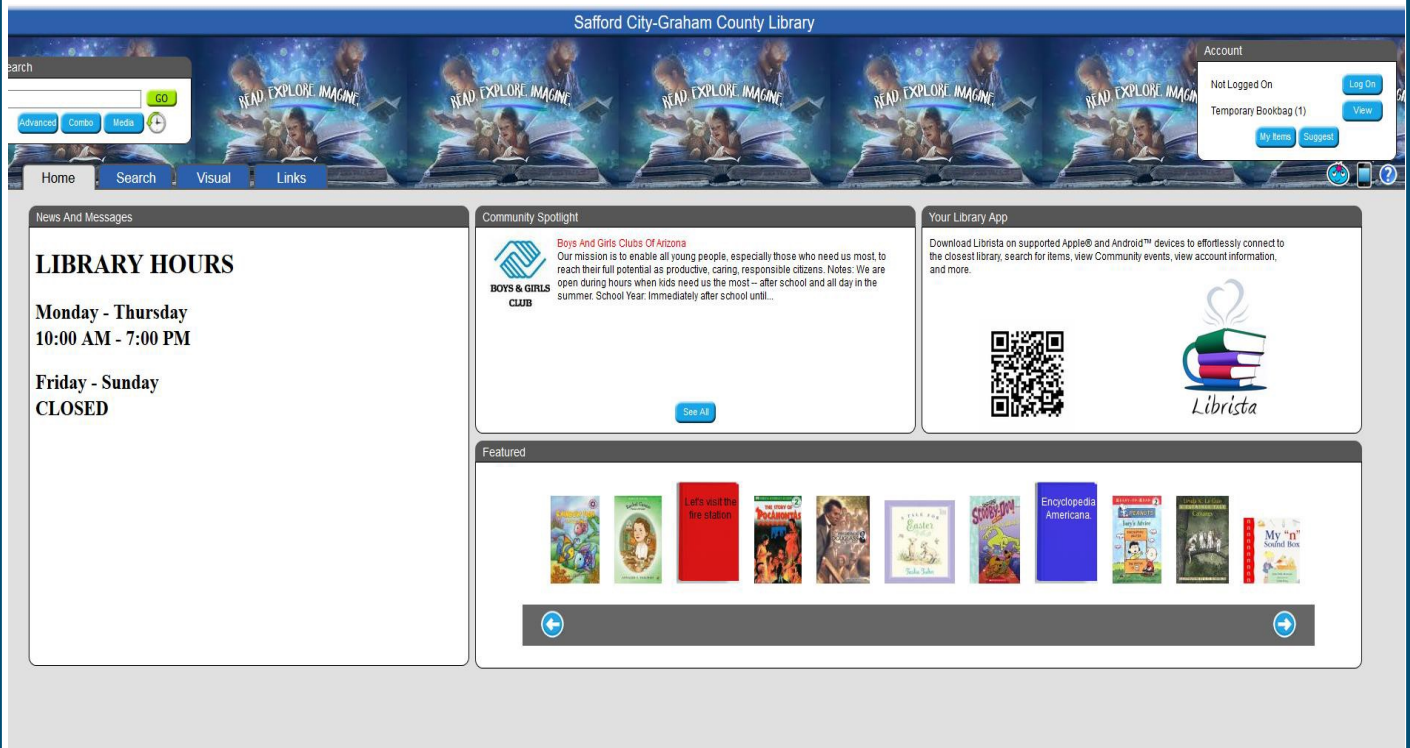
absence	criticize	February	niece	schedule
accidentally	decision	finally	noticeable	scissors
accommodate	definitely	foreign	occasion	separate
achieve	desperately	friend	occurred	similar
acquaintance	dictionary	government	opposite	sincerely
against	different	grammar	particular	straight
a lot	disease	guarantee	physical	strengthen
already	doesn't	height	pneumonia	studying
argument	embarrass	immediately	possess	summarize
attendance	enough	independent	practically	surprise
because	environment	instead	preferred	thorough
beginning	especially	interrupt	privilege	tomorrow
believe	exaggerate	judgment	probably	truly
business	excellent	leisure	raspberry	until
calendar	excitement	library	realize	vacuum
cemetery	experience	lightning	receive	vegetable
chief	familiar	lonely	recommend	Wednesday
committee	fascinate	lying	remember	weight
conscience	familiar	millionaire	restaurant	weird
convenience	fascinate	mischievous	rhythm	yacht
courageous	favorite	necessary	ridiculous	

WHAT'S NEW AT THE SAFFORD CITY—GRAHAM COUNTY LIBRARY!

Atrium from Book Systems

The Safford Library is excited to announce our new and improved library system. A whole new package of awesome features and a more visual, user-friendly layout, Atrium includes:

- ◇ Online registration for library cards.
- ◇ Online reservation and renewal of items.
- ◇ One-stop searching for books, DVDs, audiobooks and eBooks.
- ◇ In-depth info on books, including cover images, table of contents, author notes, summaries and publisher reviews.
- ◇ Patron-friendly browsing. Search by your interests, recent additions, award winners and type of material (including DVDs and eBooks).
- ◇ Adding of items to your personal Bookbag to remember for future checkout.
- ◇ Community Spotlight on upcoming library events.





The Safford City-Graham County Library offers amazing resources for teachers and students at no cost!

Library Cards Residents of Graham and Greenlee county are eligible for a free library card. Children under 18 must have a parent's or legal guardian's permission to get a library card.

Library Tours and ScienceCity Field Trips Library tours are available for classes with at least 2 weeks' notice. For more information, write to Victoria Silva at vsilva@saffordaz.gov. A limited number of hands-on ScienceCity field trips are available to K-6th classes visiting the library. For more information, write to Lesley Talley at ltalley@saffordaz.gov.

Online Tutoring Live, online tutoring for students in kindergarten through college is available daily from 2pm till midnight through Tutor.com on the library's website. Tutor.com is free to all students in Graham and Greenlee counties thanks to support from the Safford Library, the Greenlee County Library District and the United Way of Graham County.

Online Classes - Universal Class

Over 500 free online classes are available to library card holders. Courses include computer skills and teacher related courses for CEU credit. Remember, the classes are free **ONLY** if accessed through the library's website.

Language Learning - Mango Languages

User-friendly language learning is available for over 70 languages through Mango Languages. It includes 11 ESL options for those who are learning English. Remember, the classes are free **ONLY** if accessed through the library's website.

Academic Databases

Information-packed online databases from Gale and Britannica are available for elementary through high-school age children. With vetted information, no pop-up ads and clear citations, they offer a great research tool for students.

Tumblebooks, eBooks and downloadable audiobooks

Digital versions of many popular books for young children through teens are available through the library website. Tumblebooks targets younger children with colorful picture books and simple chapter books. Our eBook and downloadable audiobook collections include titles for tweens and teens.

Dolly Parton's Imagination Library

Thanks to funding from Arizona First Things First, all children in Graham and Greenlee counties are eligible to receive free books mailed to their home from birth until their 5th birthday. These high-quality books are theirs to keep and build their own home library.

Books, DVDs and Audiobooks

With approximately 45,000 items on the shelves, the library is sure to have something for you or your students. From picture books and children's audiobooks to nonfiction books and DVDs, we have great resources to support you in the classroom.

For more information or for a teacher tour/training, call 432-4165.

Building a love of math and science starts early in life

Introducing math and science to young children doesn't have to be complicated.

Parents and caregivers don't have to wait until a child can solve written math problems or conduct complex science experiments. Activities such as finger painting, building blocks and baking are fun and interactive ways to build science and math skills in young kids.

About 90 percent of a child's critical brain development occurs before age 5, meaning the early years represent an ideal time to introduce Science, Engineering, Technology and Math (STEM) skills to kids.

"Young children learn naturally by exploring their environments," said Ginger Sandweg, First Things First senior director for early learning. "What appears to adults as play is really forming and testing theories, and trying out different variables. This type of learning goes hand in hand with how young children learn best, using multiple senses (seeing, hearing, touching, tasting, and smelling) to discover the world around them."

According to the Center for Early Education in STEM, simple childhood games can promote significant STEM skills at a much earlier age. The years before kindergarten, are a critical period to help develop these skills through fun activities that get their hands and minds working.

Parents and caregivers can be ready with this list of great ideas to keep your child busy and build those early skills for STEM. First Things First offers these activities:

- Building structures – knocking them down, testing them with weight, etc. – engages kids in reasoning about physics.
- Cooking engages children in science and math through measuring ingredients and seeing how foods combine and change.
- Singing and dancing convey counting concepts, and making musical instruments with everyday objects helps kids learn how to control aspects of sound like pitch, loudness, timbre and duration.
- Through water activities, kids experiment with movement and volume, filling cups or pails, then watching how holes in objects affect water flow.
- In playing card and board games, children use math and ; reason about strategies.

Families can help kids develop critical thinking and reasoning skills by asking questions like:

- What do you think will happen?
- Why do you think it ended that way?
- How do you think things will be different if we change something?

In addition, parents can share their knowledge, early on. Things that may seem obvious to us – like weather changes, traffic patterns and the change in an egg when it's cracked, then cooked - are fascinating new concepts for children that give them a foundation from which to build future knowledge.

By encouraging the development of STEM skills in the early years, we help kids learn by experimenting with their environments and give them skills that will help them be successful in school and in life. In addition these STEM building activities help to instill a love of learning and imagination. So, remember to have fun and use everyday moments as learning moments.

###

About First Things First – First Things First is a voter-created, statewide organization that funds early education and health programs to help kids be successful once they enter kindergarten. Decisions about how those funds are spent are made by local councils staffed by community volunteers. To learn more, visit FirstThingsFirst.org.

Look what the good folks at E.A.S.I. have planned for you!



All teachers who teach STEM subjects are invited to join the Eastern Arizona Science Initiative, known as E.A.S.I. They have a wonderful slate of camps, professional development and meetings planned. This is the schedule, subject to slight changes, but use this to plan ahead.

Please let your fellow teachers know about the wonderful opportunities gained by joining E.A.S.I.! It's easy!

2018—2019 EASI Camps and Events Calendar:

Monthly Meetings – DPC Ranch House 4:00 p.m.—5:00 p.m. *(generally the second Wednesday of each month)*

	Wed. March 6, 2019	Wed. Oct. 9, 2019
Wed. December 12, 2018	Wed. April 10, 2019	Wed. Nov. 13, 2019
Wed. January 9, 2019	Wed. May 8, 2019	Wed. Dec. 11, 2019
Wed. February 13, 2019	Wed. Aug. 14, 2019	
	Wed. Sept. 11, 2019	

Special Events/Activities:

Teacher Professional Development Workshop	Saturday—Dec. 15, 2018
“Unconference” Teacher Professional Development	Saturday Jan. 5, 2019
EASI GO (Girls Only) STEM Science Camp	Saturday— Jan. 26, 2019
Gila Valley Health and STEAM Festival	Saturday—Feb. 23, 2019
Eastern Arizona Regional Science Fair	Thursday— Saturday, March 7-9, 2019
EASI 5th & 6th grade Saturday Science Camp	Saturday—April 20, 2019
EASI Tonto Creek Camp	Tuesday— Friday, May 28-31, 2019
EASI High School Geology Camp	Monday—Thursday, June 17-20, 2019
EASI Summer Science Camp	Monday—Wednesday, June 24-26, 2019

Contact Jackie Madsen at Jackie.madsen@eac.edu

Or call the EAC Discovery Park Campus at
928-428-6260





"If you could create a new political party, what would it be called and what would it stand for?"

2019 Polly Rosenbaum Creative Writing Contest Prompt

The Arizona Educational Foundation (AEF) announced the 2019 Polly Rosenbaum Creative Writing Contest prompt: ***"If you could create a new political party, what would it be called and what would it stand for?"***

The creative writing contest is open to students in grades 7 through 12. Entries are judged in three categories: 7th/8th Grade; 9th/10th Grade; and 11th/12th Grade.

Winners will be announced at a Statehood Day ceremony on Thursday, February 14, 2019 at the Arizona Capitol's Historic Supreme Court.

Entries are due Friday, December 21, 2018. Please review the criteria, contest timeline, and online application found at azedfoundation.org.

If you have any additional questions related to this opportunity for students, please email Kim Graham: kim@azedfoundation.org





Arizona Department of Education Exceptional Student Services

Presents

2018-2019 AT Superhero Academy

Assistive Technology Regional Academies

The "Write" Stuff

Come and learn about tools and strategies to help struggling writers of all ages. Both motor aspects and composition will be discussed.

I Can't Read That!

We will take a look at barriers some students encounter, accessible educational materials, and tools that can help your student(s) be more successful and independent.

AT is in the mATh - Get ready to calculATe

This training will provide an overview of tools and strategies to support all students in accessing and benefiting from the mATh curriculum. Come to this training to calculATe your student's mATh support needs.

Times: 1:00 PM-4:00 PM

December- Southern Arizona

- 12/4: Academies of Math and Science - Math
- 12/5: Tucson USD - Reading and Writing

January- Southern Arizona

- 1/23: Sierra Vista USD - Math
- 1/24: JO Combs USD - Reading and Writing

February- Central Arizona

- 2/5: Littleton ESD - Reading
- 2/7: Higley USD - Math
- 2/20: Deer Valley USD - Writing

Be on the look out for additional information on dates, times, and registration! atinfo@azed.gov

Best regards from ADE,

Bruce, Janet, Mitch, Elida, and Janelle



Science Happens Here!

Local First Arizona, Freeport-McMoRan, the Arizona Rural Development Council, the Arizona SciTech Festival and the Graham County School Office are presenting **Science Happens Here** to advance STEM education in our community. Parents are encouraged to take their students to local businesses to collect trading cards. The cards, shown below, are designed to engage students with the science connected to the business. The students can learn more about STEM by gaining access to simple experiments found online using the website and code found on each card.



The following businesses are participating in this year's program. The class with the most participants will win a prize, which will be awarded in the spring of 2019. New cards have been added, so go get them! Thank you to the Arizona Science Center's Science on Wheels program for providing prizes!

Lee's Rite-Way
Trophies –N–Tees
Smith & Taylor Automotive
Indigo Mountain
The Hair Academy of Safford
Graham County Florist
Abacus Solutions
Carpet Tile and More
Cosmetology
Thank you businesses!

Genevieve's Market Place
Debbie's Craft Connection
Kempton Chevrolet
Bowman Consulting
Graham County Co-op
Richard's Music Company
Holladay's Photo Emporium
Cottage Bakery
Enchanted Boutique

A Step Back in Time
Sun Pumps
Curtis Landscape
Taylor Freeze
Hot Wheels Cyclery
CMI Quick Copy
The Plantation
Eastern Arizona Academy of
Casa Manana

Rural Activation and Innovation Network



RAIN STEM

Grants are available for up to \$5,000.

STEM Grants!

Grants do not cover salaries, utilities or administrative costs, and must be an “extra-curricular”, weekend or summer event and not during the regular school day.

Attention Graham & Greenlee County Teachers and Community STEM Educators:

Do you have a GREAT idea for a sustainable STEM activity or event... but need help with funding? The Rural Activation and Innovation Network (RAIN) of Graham & Greenlee County can help!

Led by Arizona State University and Arizona Science Center, RAIN (Rural Activation and Innovation Network) is funded by the National Science Foundation to help rural communities in Arizona collaborate on developing locally relevant learning experiences in science, technology, engineering and math (STEM). While there are many people in rural areas working on this issue, RAIN aims to bring individuals and organizations together into networks that can share resources and knowledge for learning and outreach.

For more information, Grant Application and Scoring Rubric go to: 4azrain.org

[Hover over “Rural Innovation Councils” and Click on “Graham/Greenlee Counties”](#)

United Way of Graham and Greenlee Counties

Education Grant Opportunities

Goal Statement:

The United Way of Graham & Greenlee counties recognizes that education 1) happens everywhere, 2) begins at birth and does not stop, and 3) is a collective community endeavor.

Objectives:

Improving school readiness for every child

The United Way will support activities that help prepare children from birth-to-4 years for successful entry into kindergarten.

Supporting efforts to ensure every student reads at grade level - especially by third grade

The United Way will support and collaborate with educators, agencies and partners who are working to address grade level reading for all grades.

Increasing student access to quality transitional programs

The United Way will support educators, entities and programs that address learning-loss or key transitional periods for students such as after school activities, summer programs and internship opportunities.

Supporting community and school district efforts with teacher retention and recruitment

The United Way will support school districts, businesses, governmental agencies and community development organizations to enhance teacher workforce recruitment and retention.

Providing direct support to teachers in the classroom by helping to cultivate innovative learning environments and approaches

The United Way will partner with schools and teachers to implement innovative approaches to help address 21st Century challenges.

Partnerships:

The United Way recognizes that community partnerships are essential to achieving these education objectives. Wherever possible, the United Way will seek to strengthen and broaden community partnerships for the purposes of leveraging resources, sharing of knowledge and expertise, and enhancing program impacts.

Apply Now!

Visit the United Way website at www.uwggc.com - Click on "How to Apply"

For assistance with your grant, contact Paulette LeBlanc

pleblanc@aznex.net

AACSS - Graham County School

District Employees

Welcome to the Student Loan Relief Benefit

Fiducius

A Better Kind of Benefit



Register,
see if we
can help.



Schedule
your first
meeting.



Meet with
your student
loan advisor.



Receive your
custom plan
& save!

If loan forgiveness does not make sense for you, refinancing may be an option. Do not refinance your loans until you find out if PSLF makes sense for you FIRST. Doing so will make you ineligible for future student loan forgiveness.

Register

Start saving on your student loans using the registration code: graham

If you have questions regarding your code, please contact us at 513.645.5400.

Trying to understand all the possible ways to better manage your student loans is a daunting task. We are pleased to offer a new Loan Relief benefit from **Fiducius (formerly ISLoan Solutions)**. With their financial planning approach, the student loan Advisors at Fiducius help you navigate and determine your best option, including forgiveness, refinancing and consolidation.

It's easy to get started with this new benefit. You can determine your eligibility and potential savings in just a few minutes by visiting

<https://aacss-graham.myfiducius.com/register>



ISLoan Solutions is now Fiducius

Our name may have changed, but our commitment to helping you take control of your student loans with personalized financial planning is still the same!

You can learn more about us by visiting

www.getfiducius.com

*In 2007, Congress established the Public Service Loan Forgiveness (PSLF) program to help any not for profit, 501c3, or government agency employee reduce their federal student loan burden and incentivize them to stay in public service.

After learning about the program and reviewing your savings plan, if you choose to have Fiducius implement and manage the program on your behalf, there is a fee for service. Clients feel the fee is reasonable based on the education and savings they receive.

Living Our Best Lives as a Family

"Since teaming up with Fiducius, my life has changed drastically for the better! Having the stress and weight of roughly \$500 per month in student loan payments lifted has allowed my family to actually LIVE! We can pay our bills, fill our cupboards and fridge, go on family outings, eat out as a family and still have money left over."

Erin, Teacher, WI



Prepare Your Students for Real-World STEM with Dig Into Mining

In today's global economy, STEM skills are critical to success. Help your students prepare for the future job market with [Dig Into Mining: The Story of Copper](#). Our varied classroom resources are designed to ignite a sense of curiosity and exploration in your 6th - 12th grade students, while teaching and testing standards-aligned topics in STEM.

EXPLORE NOW

With relevant examples from today's copper industry, Dig Into Mining's educator tools make it easy to connect classroom learning to real-world STEM applications. For example, students can:

[Investigate](#) the patterns of natural resources around the globe

[Explore](#) how copper is used in electronic and hybrid vehicles

[Utilize](#) proportional relationships to determine the economic feasibility of a mine site

[Research](#) how microorganisms are used in the wastewater treatment process

[Identify](#) the physical boundaries of a mine using satellite geoimages

... and much more!

Discover more classroom extensions and teacher resources [here](#).

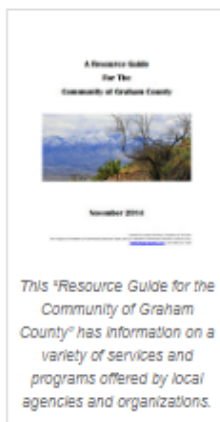
Extend the learning further with our exclusive [Dig Into Mining Virtual Field Trips](#). Stream on demand to give your students a behind-the-scenes look at a working copper mine and hear from Freeport-McMoRan professionals as they guide you through the mining process from planning to reclamation.

Follow [@DiscoveryEd](#) on Twitter and join the conversation using #DigIntoMining.



You are here: [Home](#) / [Health Department](#) / Children and Youth with Special Health Care Needs

Children and Youth with Special Health Care Needs



Our Graham County residents are very important to us. Families who have members with disabilities or other special health care needs can face many daily challenges. Living in a rural area can make those challenges even more difficult. Good health promotes growth and participation in education, social interaction, recreation and community life, as well as employment, volunteerism and post-secondary education. Our goal is to improve the long-term health and well-being of children and youth with special health care needs. We hope to make things just a little bit easier with the following list of resources.

Children with special health care needs means children with ongoing conditions or disabilities, who need or use health care, therapies, behavioral health, counseling,

special education or other services, that most children don't use. Some examples of conditions include Allergies, Asthma, Autism, Diabetes, Hearing or Vision Impairment, Paraplegia, Cancer, Attention Deficit Disorder, Speech Impairment, Eating Disorders, Cerebral Palsy, Fragile X Syndrome, Epilepsy, Anxiety Disorder, and many more. These and any other ongoing conditions or disabilities are a special health care need.

START HERE:

- › [Raising Special Kids](#)
- › [Pilot Parents of Southern Arizona](#)
- › [Arizona Department of Health Services, Office of Children with Special Health Care Needs](#)



Family Wellness



Advocacy and Community Resources



Feeling Well



Home Visiting Programs and Education



Search this website ...

EMERGENCY INFORMATION

- › [Urgent Flu Warning](#)



- › [Health Department](#)
- › [Emergency Preparedness](#)
- › [Environmental Health Services](#)
- › [Public Fiduciary](#)
- › [Public Health](#)
 - › [Nursing Services](#)
- › [Vital Records](#)
- › [Voices of the Community](#)
- › [Women, Infants and Children \(WIC\)](#)
- › [Youth Health Programs](#)
- › [Children and Youth with Special Health Care Needs](#)

WHAT'S HOT!:

2017 Healthy People Survey

- › [AZ Dept of Health Services](#)
- › [Centers for Disease Control](#)
- › [Flu Information](#)
- › [Food Safety Training](#)
- › [Memory Loss, Dementia, Alzheimer's](#)
- › [12 Step Recovery \(Gila Valley Addiction Committee\)](#)



NURSE'S HEALTH CORNER

- › [Health Department Services](#)

COUNTY FAIR

"WAY OUT WEST" Visit our [Fair website](#) to view our 2017 County Fair Slideshow!

MEETINGS & EVENTS

- [Board of Supervisors](#)
- [Industrial Development Authority](#)
- [Open Meeting Law](#)
- [Planning & Zoning](#)
- [Reserve A Meeting Room](#)
- [Community Events](#)

COURTS/JUDICIAL

[COURT CALENDARs](#) for the Superior Court, ProTem Court and Justice Court#2.

[SUPERIOR COURT FORMs](#): Each online packet of forms, provided in both English and Spanish, contains the instructions as well as the official documents for legal procedures.

EXPLORE GRAHAM

You will find many links in this area such as history, community resources and lodging. This is a work in progress with much more to come. [Take a look!](#)

PET ADOPTIONS

Our [Animal Control Facility](#) has a variety of dogs and cats available for adoption. Visit their website for more information.



Hey fourth graders! See America's natural wonders and historic sites for free.

Parents and guardians

Stay close to home, or travel somewhere new. This year's the perfect time for an unforgettable outing.

[Learn more](#)

Fourth graders

This is for you! Explore ancient dwellings. See a waterfall taller than a building.

[Get your pass](#)

Educators

Get passes, download our activity, or plan a life-changing field trip for your fourth-grade students. [More Info](#)

Every Kid in a Park

You and your family get free access to hundreds of parks, lands, and waters for an entire year. [How it works](#)



@everykidinapark



We're starting the school year off with a bold, new look!

PBS LearningMedia is excited to announce an improved site design and user experience, making our resources easier than ever for teachers like you to find and integrate into your curriculum. These new features, which are based on feedback from educators nationwide, include: a refreshed look and feel, the ability to easily browse by curriculum area, standards and grade bands, improved search functionality, and easier access to resources from your local PBS station. [Explore the Site](#)



Life Lessons on Separation with Daniel Tiger

[Explore More](#)



The Structure of the Universe May Twist and Fold like Origami

[Explore More](#)

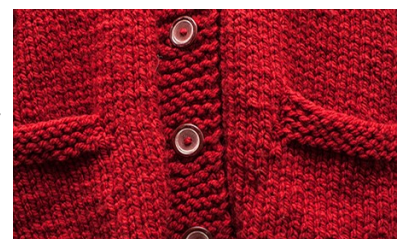


Reading is More Than Just Reading, It's Reading Critically

[Explore More](#)

How the Lessons of Fred Rogers Are Inspiring My Teaching This Year

[Read Blog](#)



Standards Aligned Resources for Life Science & Biology



Shape of Life Grades: 6-12

Shape of Life is a series of short classroom videos that beautifully illustrate the evolution of the animal kingdom on planet Earth. These classroom videos are NGSS aligned with exquisite focus on diversity, biodiversity, adaptability, body structure, and design. [Discover More](#)



Healthy Oceans Grades: 6-10

What are some local actions we can take to protect our global ocean? In this Flipside Science unit, Healthy Oceans, students can dive into the issues affecting our oceanic resources and biodiversity. Using videos hosted by youth and accompanying activities, you can engage your students in learning about invasive species, coral bleaching, microplastics, and more. [Discover More](#)



Gulf Detectives Grades: 5-8

Gulf Detectives at Dauphin Island Sea Lab is an exciting opportunity for students to access beaches, coastal wetlands, Mobile Bay and the Gulf of Mexico without leaving their desks. This virtual laboratory and field experience is designed to increase students' knowledge of science and encourage interest in STEM subjects. [Discover More](#)



Professional Development

An Introduction to Underlying Principles and Research for Effective Literacy Instruction

Grades: PreK-8 | Hours: 45

Explore research-based instructional strategies which will improve your teaching practice. This course will help you explore best practices for phonemic awareness, phonics, and word recognition instruction to build student skills in vocabulary, comprehension, and fluency. [Explore Course](#)



Accomplished Science Teaching: Building Student Understanding

Grades: K-12 | Hours: 45 Through this course, learners focus on the evolution of student learning of science concepts. With an understanding of how science concepts build on each other, whether within a unit or grade or across grades, teachers can make well-informed instructional decisions and help students build their own understanding more efficiently. [Explore Course](#)



Did You Know? Logging in to PBS LearningMedia Gives You Instant Access to Extra Features!

Lesson Builder

Create and assign an interactive lesson in three short steps!
Use this workspace to create and assign lessons. Get started with a template or create your own. Need help? See the tutorial or read the FAQ.

Create a Lesson



Lesson Builder Tool

PBS LearningMedia has designed tools to make it easy for you to create engaging student assignments, personalize learning, and track student progress. Use the lesson builder to create and assign an interactive lesson in three short steps!

[Build a Lesson](#)



Integration with Clever

For classrooms using Clever's single sign-in tool: You and your students can log in to PBS LearningMedia anytime using your Clever credentials! Have your account administrator add PBS LearningMedia to your dashboard today: schools.clever.com/signup/pbs-learningmedia

[Integrate With Clever](#)



Teaching with Primary Sources from the Library of Congress Grades: 3-12 | Hours: 45

Take a course that will help you learn how to best utilize the amazing resources and materials housed in the Library of Congress! This course, put into practice, can help you foster student engagement, build critical thinking skills, and enhance knowledge construction. [Explore Course](#)



Integration with Schoology

Does your school use the Schoology LMS? Adding LearningMedia to your Schoology account through the App Center enables instant single-sign-on integration, allowing teachers at your school to log in to PBS LearningMedia with their Schoology accounts.

[Integrate With Schoology](#)



Little Women

Grades: 6-9

Introduce your students to the beloved classic “Little Women.” These resources include essays and teaching tips for an innovative way to access, understand, and analyze this piece of classic literature. [Discover More](#)



What Happens Under the Sea?

Standards Aligned Resources for Life Science & Biology

Take a deep dive into marine science with this new collection, bringing together content that follows the national standard for Biology and Life Sciences. You'll find valuable supplemental resources you can use to build engaging lessons on climate, ecosystems, natural selection, and more! [Explore Collection](#)



Poetry Everywhere

Grades: 7-12

Explore the power of language, look at the world with a fresh sense of wonder, and build reading and writing skills with these poetry resources. What better time that summer to discover your inner poet? [Discover More](#)



The Unspoken Rules of the Hiking Trail

From the well-traveled hikes at Glen Alps in Anchorage to the more elusive wilderness trails in Lake Clark National Park - Alaska is home to stunning hikes which attract visitors from around the world. See Alaska through the eyes of a local teacher - this blog post may inspire some impromptu summer plans! [Read More](#)



Arizona Archaeological
and Historical Society

*F. Lewis Orrell Jr. Bequest
Curriculum Development Award*

Are you a Public or Charter K-12 teacher?

Would you like to teach about the archaeology, history, or
anthropology of the American Southwest?

Apply for the new Orrell Curriculum Development Award! Grants are up to \$5000 and can cover supplies, textbooks, and other instructional materials as well as travel and enrollment costs for your continuing education. Open to current K-12 Public/Charter School Teachers only.

Application
deadline

The application deadline is **February 28**.

Applications should be submitted through the AAHS website www.az-arch-and-hist.org The form can be found on the drop down menu under Grants. Questions: aahs1916@gmail.com.

Arizona Archaeological and Historical Society

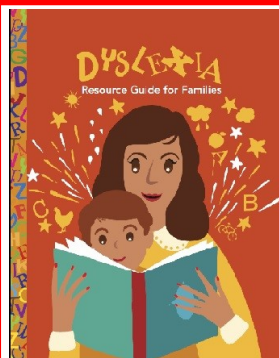


Arizona Teachers Can Win \$500 From APS



Yesterday APS launched their "Supply My Class" Teacher Awards sweep-stake. APS will award \$500 for school supplies to 1,000 Arizona K-8 public and charter...

[Read More](#)



Dyslexia Resource Guide for Families Now Available!

Download and share the Dyslexia Resource Guide for Families, a new, parent-friendly resource for families with children 0-12 who want to learn more about dyslexia, what dyslexia might look like in their child and what they can do to support their child if they have dyslexia. [Download the free pdf here.](#)

Read On Arizona extends our sincere appreciation to The Burton Family Foundation for its generous support of the printing and outreach of the *Dyslexia Resource Guide for Families*.

Trauma Resources (from Sandi Cimino, presenter at SEATA)

The Sanford Inspires Program at ASU offers a wealth of free, online resources to teachers.

Steps:

1. Go to <https://sanfordinspire.org/>
2. Create a free account
3. Click on "On Demand Modules" in the toolbar at the top of the page.
4. Scroll through to see all the offerings or search specific terms (like "trauma") in the search box.



The pending *Arizona Department of Education History and Social Science Standards* include economics and financial literacy as one of the four core disciplines, and must be included in all disciplinary skills and processes, across all grades.

If you feel you lack the economics skills, or are rusty, we have TWO online resources for you, both **available here at no charge**.

- The High School Economics & Financial Literacy eTextbook by *Steven Reff*, and his companion interactive material for classroom projection.

These are great references for teachers of all grades across all the social studies, economics, business, and math.

Both are written by **Steven Reff**, retired Tucson high school AP Economics educator and former lecturer in the Economics Department at the University of Arizona. He was also winner of the UA student-selected Five-Star award for best faculty member, among many other awards.

For Immediate Release Contact: [CDC Media Relations](#)

Tuesday, October 2, 2018 (404) 639-3286

Sales of JUUL e-cigarettes skyrocket, posing danger to youth

Product dominated the U.S. e-cigarette market by end of 2017

Sales of JUUL, an e-cigarette shaped like a USB flash drive, grew more than seven-fold from 2016 to 2017, and held the greatest share of the U.S. e-cigarette market by December 2017. The findings, from an analysis of retail sales data from 2013-2017, were released today by the Centers for Disease Control and Prevention (CDC) in *JAMA*.

Use of JUUL by youth in schools, including in classrooms and bathrooms, has been widely reported. Most e-cigarettes contain nicotine, and JUUL contains among the highest nicotine content of any e-cigarette on the U.S. market. Nicotine is highly addictive and can harm a child's brain development, which continues into the mid-20s.

"The popularity of JUUL among kids threatens our progress in reducing youth e-cigarette use," said Robert Redfield, M.D., director of CDC. "We are alarmed that these new high nicotine content e-cigarettes, marketed and sold in kid friendly flavors, are so appealing to our nation's young people."

Rapid evolution of e-cigarette market

No single e-cigarette manufacturer dominated the US market through 2013. However, sales of British American Tobacco e-cigarette devices surged 146% during 2014 and led the market well into 2017. During 2016-2017, JUUL Labs' sales increased 641 percent — from 2.2 million devices sold in 2016 to 16.2 million devices sold in 2017. By December of 2017, JUUL Labs' sales comprised nearly 1 in 3 e-cigarette sales nationally, giving it the largest market share in the United States.

Like other e-cigarettes, JUUL is a battery-powered device that heats a nicotine-containing liquid to produce an aerosol that is inhaled. JUUL comes in a variety of flavors, including mango and creme, and also uses nicotine salts, which can allow high levels of nicotine to be inhaled more easily and with less irritation. Other manufacturers have recently started making look-alike e-cigarette products.

The CDC study included purchases from most US retail stores. It did not include sales through the Internet or through "vape shops," so sales may be underestimated. Many of the sales likely reflect products obtained directly or indirectly by youth. A recent [analysis](#) found that 74 percent of youth who used JUUL reported obtaining the device from a physical retail store, and about half reported obtaining the device from a social source such as a friend or family member.

The use of e-cigarettes is unsafe for children, teens, and young adults

The U.S. Surgeon General has concluded that e-cigarette use among youth and young adults is a public health concern, and that e-cigarette aerosol is not harmless. Over the past several months, the U.S. Food and Drug Administration has taken a series of actions as part of its [Youth Tobacco Prevention Plan](#) to more immediately target the illegal sales of e-cigarettes to youth, as well as youth-oriented marketing and appeal of these products.

In September 2018, FDA announced the issuance of more than 1,300 warning letters and civil money penalty complaints to retailers who illegally sold JUUL and other e-cigarette products to minors. The FDA has also requested information from JUUL, and several other manufacturers, related to marketing, youth appeal and product design, including details on the companies' plans to address the problem of youth use of their products. "There are no redeeming benefits of e-cigarettes for young people," said Corinne Graffunder, Dr.P.H., director of CDC's Office on Smoking and Health. "The use of certain USB-shaped e-cigarettes is especially dangerous among youth because these products contain extremely high levels of nicotine, which can harm the developing adolescent brain." For more information about e-cigarette use among children, teens, and young adults, visit https://www.cdc.gov/tobacco/basic_information/e-cigarettes/Quick-Facts-on-the-Risks-of-E-cigarettes-for-Kids-Teensand-Young-Adults.html. ###

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

USING THE AZGA WEBSITE

As school began, we had the privilege of meeting many new teachers. For these new teachers and some “old” teachers, here is a short lesson on how to use the AzGA website to reduce your frustration generally with finding things on-line.

BTW, the AzGA lessons and maps may also be found through the ASU Mary Lou Fulton Professional Learning Library at <https://pll.asu.edu/p/>

The purpose of the Arizona Geographic Alliance (AzGA) is to strengthen geography education in Arizona. **AzGA does this by providing high quality materials and professional development to teachers. You can find us at <http://geoalliance.asu.edu>**
So on to a short tour of the website (or how to find things).

For Lessons -- On the RH side in green tabs

GeoLiteracy --lessons integrating geography and language arts

GeoSTEM --lessons integrating geography and science, technology, engineering and/or mathematics

GeoHistory --lessons integrating geography and history

Legacy Project --lessons created to celebrate Arizona’s history and geography--perfect for fourth grade teachers.

Geography & Diverse Learners (ELLs)--all of our geography lessons that have had ELL adaptations added to them

Giant Map Activities --activities, materials and lessons that may be used with the giant Arizona floor map (Note: This is NOT the main page for the program. It has its own button.)

All the sections may be sorted by GRADE LEVEL. You can also search by topics (water, wildfires, etc.).

Other Sections

AzGA on Facebook – Postings on FB include cool maps, job opportunities, event opportunities, and things we think you might be interested in that have a short deadline. These items are usually not repeated in the Resources and Opportunities emails. If you do FB, please join us at <https://www.facebook.com/geoalliance/> .

Become a Member – We are totally free and do not share your contact information with other groups. You can stop AzGA emails anytime by requesting it at azga@asu.edu.

Giant Floor Map Program This is information about the program and how it works. It includes:

Where to get trained to be certified to borrow the map – [Upcoming events](#)

Where the map has been – **Storymap** <http://arcq.is/2mBhXpg>

How to borrow the map –

- [booking availability calendar](#)
- [borrower request form](#)
- [frequently asked questions](#)

AzGA has six Arizona Landscape maps that we are lending at no charge to educators. We also have two maps in southern Arizona. Contact [Mabel Rivera](#) to borrow the Nat Geo Arizona map in Tucson. Contact [Diana Spratt](#) to borrow the Nat Geo Arizona map in Yuma.

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

LESSON OF THE WEEK

<https://geoalliance.asu.edu/Duck>

Duck for President: Understanding the Election Process

Description:

In this lesson students will learn about elections in the United States and the role of the citizen in the voting process. Students will also be able to identify political divisions using a mapping activity.

Author: Diane Godfrey

Grade Range: 3

Duration: 2 class periods

LESSON OF THE WEEK

Hunger Games: Districts and Linear Functions

Description: The year is 2096. Panem, is the country that rose up out of the ashes of a place that was once called North America. Panem is the result of drastic climate change that brought drought, storms, fires, encroaching seas that swallowed up much of the land, and a brutal war for the few resources that remained. In Panem, each of the 12 Districts must furnish the Capitol with natural resources. This look at a future world through the popular novel, Hunger Games, provides an engaging dystopic scenario through which students analyze regional resources through charts, tables, graphs, linear functions, and algebraic equations. This lesson contains strategies for diverse learners.

Author: Lacey Fredette

Grade Range: 8

Duration: 2 class periods

<https://geoalliance.asu.edu/Games>

LESSON OF THE WEEK

Campus Cleanup

Description: Students view their trash as just garbage to be thrown away. However, adults understand that we need to protect our resources and our environment. This lesson's activities will help drive change and create habits for a lifetime while instilling responsibility for the environment. In this lesson students will work together through conversations, observations, and hands on activities to learn why they need to help take care of the environment. This lesson contains strategies for diverse learners.

Author: David Sweeney

Grade Range: 3

Duration: 3-4 class periods

<https://geoalliance.asu.edu/campus>

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Mapping the Grand Canyon Conference Thursday, Feb 28 and Friday, March 1, 2019 ASU Nobel Library, Tempe Campus

The Mapping Grand Canyon Conference explores the art, science, and practice of Grand Canyon cartography. Join this celebration and critical examination of the cartographic history of a global landscape icon.

Free and open to all, the conference promises a full two-day [program](#) of map-based storytelling, transdisciplinary analysis, state-of-the-art geospatial and cartographic demonstrations, engaging hands-on activities, and open community dialogue. Register at: <https://lib.asu.edu/mapping-grand-canyon-conference/registration>

This conference is made possible and free to the public through the support of the Arizona Geographic Alliance, Western Association of Map Libraries, Grand Canyon Trust, and various ASU departments.

Spotlight on Geography Educators Teacher Consultant **David Sweeney**, Cartwright School in Cartwright School District, was named Educator of the Week by National Geographic Education Foundation for **Empowering a School Community to Recycle**. His students looked at the trash situation at their school and designed a program to collect, classify, and analyze the trash. Read about his GeoInquiry at: <https://blog.education.nationalgeographic.org/2018/10/16/educator-spotlight-empowering-a-school-community-to-recycle/>

OTHER WORKSHOPS AND OPPORTUNITIES

Philip Lee Phillips Maps Society Fellowship in Cartography Now Accepting Applications

STUDENT CONTESTS

Registration is open for the 2018-2019 **National Geographic GeoBee!** Register your school-grades 4-8-for the annual competition that inspires and rewards students' curiosity about the world. Registration includes study resources for your class, participation and school champion certificates, and more than 400 exciting GeoBee questions to quiz your students about geography, cultures, physical features, history, earth science, and more! Register today at <http://www.natgeobee.org/>

WORLD OF 7 BILLION is holding a video contest that is open to middle and high school students worldwide. The deadline for submissions is **February 28th, 2019**. Participating teachers receive free curriculum resources from Population Education, and the student winners receive cash prizes. Information on the contest can be found at: https://www.worldof7billion.org/student-video-contest/?utm_source=2019_NCGE&utm_campaign=969f3ff9c6-EMAIL_CAMPAIGN_2018_11_02_01_28&utm_medium=email&utm_term=0_af66770843-969f3ff9c6-216651145

Bring project-based learning to your classroom through the **National Geographic GeoChallenge!** This annual standards-based competition empowers student teams in grades 5-8 to address a critical issue and change the planet, just like a National Geographic Explorer. This year's theme is **Tackling Plastic**. Register today at: <https://www.nationalgeographic.org/education/programs/geochallenge/>

Who will help
me become
the man
I want to be?



**When you foster a teen,
you won't just change their life...**
they'll change yours forever.

Teens need families. Thousands of teens in foster care are looking for the support and encouragement that families provide — not just until they turn 18.

Help a teen reach their full potential. Become a foster parent.

www.TeensNeedYou.org



1.866.329.2312
www.ArizonasChildren.org
FosterTeens@arizonaschildren.org

In collaboration with:



From the Graham County Sheriff's Office....Text a Tip

"The Text a Tip" program allows a citizen to anonymously submit a crime tip to law enforcement in Graham County. This service was started as a combined effort between the Graham County Substance Abuse Coalition and local law enforcement agencies. It is administered by the Graham County Sheriff's Office Communications Division.

How it works:

- ◆ A citizen can text GRAHAMTIP to 79516 and type the message they want to submit.
- ◆ The message is then sent to the Graham County Sheriff's Office Communications Center.
- ◆ The message is sent anonymously so the dispatcher has no way of knowing who sent it.
- ◆ There is no caller ID on your message.
- ◆ The dispatcher will review the tip information and pass it along to the appropriate agency.
- ◆ It can be used to report drugs, gangs, violence, threats, bullying, vandalism, abuse, illegal dumping, etc.

We still encourage those needing to report in-progress emergencies to call 9-1-1.

Further information about the program can be obtained by contacting Sgt. Scott Howell at 928-792-5404 or showell@graham.az.gov.

Governor's Office of Youth, Faith and Family

"Healthy Families, Healthy Youth"

In 2016, Governor Ducey's Office of Youth, Faith and Family started a pilot program to help families avoid with the realities of addiction and the devastating effects on our children. The "Keep Them Safe" program brings 7th graders and their parents together for an evening of education and planning for strategies to face the stressors, risks and pressures presented to our kids on a daily basis. The program started with one school in each county. This year, it has expanded to include 53 districts throughout the state. Based on the early success of the pilot, we believe the program will continue to expand.

Information is available for all families in Arizona, whether they are in the county programs or not.

Please visit **KeepthemSafe.az.gov** to learn more about strategies to keep communication open and to take advantage of "teachable moments" regarding drug abuse and addiction.

Additionally, the following resources are available:

National Council on Alcoholism and Drug Dependence, Inc. - ncadd.org

National Helpline 1-800-662-HELP (4357)

National Institute on Drug Abuse—drugabuse.gov

Substance Abuse and Mental Health Services Administration—samhsa.gov

Grant Funding Alerts *It's never too early to start working on a grant!*

Name: Freeport-McMoRan STEM Innovation Grants

Who: K—12 Teachers, school administrators or parent volunteers/PTA officials

Amount: Up to \$5,000

Deadline: March 15 each year (window: Dec. 1—March 15)

<http://www.freeportinmycommunity.com/schools/stem-grant>

Name: Freeport-McMoRan Mini-Grants for Education (Get ready for the next cycle!)

Who: Teachers, school administrators or parent volunteers/PTA officials

Amount: \$100-\$500

Deadline: October 1, 2019 (window: May 1—Oct.1)

Freeport-McMoRan Employee Engagement Programs

Employee Matching Gifts Program - The Freeport-McMoRan Foundation will match employee contributions of \$25 or more, up to an annual maximum of \$40,000. The first \$1,000 contributed per eligible nonprofit organization (including schools) will be double matched and any amount above \$1,000 will be single matched, subject to the annual maximum.

Employee Volunteer Fund - Freeport-McMoRan is proud to support employees that give their time and effort to help those in need by offering funds to match unpaid volunteer hours served. When an employee volunteers a minimum of 25 hours a year with a nonprofit organization (including schools), the organization is eligible to earn either a \$250 or \$500 grant.

FM Employees may learn more about both programs and access the link to process their requests by visit this webpage: <https://www.freeportinmycommunity.com/employees/employee-engagement-programs>

Support My Club – An e-commerce solution where donors can support the needs of high school clubs and sports. Clubs post their specific needs and donors “shop” for items that speak to them. Items are added to the online cart, donors make a 100% tax-deductible purchase and [Support My Club](#) delivers the item directly to the school!

For every \$100 of value received, the school club completes 1 hour of community service, allowing the receiver to become the giver and the cycle of philanthropy to continue.

DonorsChoose.org Makes It Simple to Help Classrooms

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need. Public school teachers from every corner of America post classroom project requests on this site. Donors can find projects or classrooms that most inspire them and make a donation. When a project reaches its funding goal, DonorsChoose.org ships the materials to the school. You'll get photos of the project, a letter from the teacher, and insight into how every dollar was spent. Give over \$50 and you'll also receive a hand-written thank from the students. If you're a teacher looking for support for a classroom project, just go to DonorsChoose.org and start your own account. The Bill and Melinda Gates Foundation announced that it will match \$1 million in donations to DonorsChoose.org. Donors need to enter the code JUMPSTART to have their donation matched.